

Serial No.: 09/938,714

REMARKS

Applicant conducted a Telephone Interview with the Examiner regarding the submission of Exhibits A and B in response to the Official Action filed on November 16, 2005. The Examiner was unable to read the Exhibits and suggested to divide the Exhibits into 8.5 x 11 pages. Attached is Exhibit A. Please note the Exhibit can be pieced together by referring to the attached grid. Exhibit B is being submitted in a separate transmission in order to prevent the pages of the Exhibits from being intermingled.

By submission of the 8.5 x 11 copies of Exhibit A, applicant respectfully submits that Amendment B is fully responsive to the Official Action dated March 1, 2005. Further, applicant respectfully requests reconsideration of Amendment B.

CONCLUSION

In light of the above amendments and remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and such action is earnestly solicited.

If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Official Action.

DEC. 15. 2005 2:35PM JENKINS, WILSON&TAYLOR

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DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: December 15, 2005

By:

  
\_\_\_\_\_  
Arles A. Taylor, Jr.  
Registration No. 39,395  
Customer No. 25297

AAT/BJO/alb

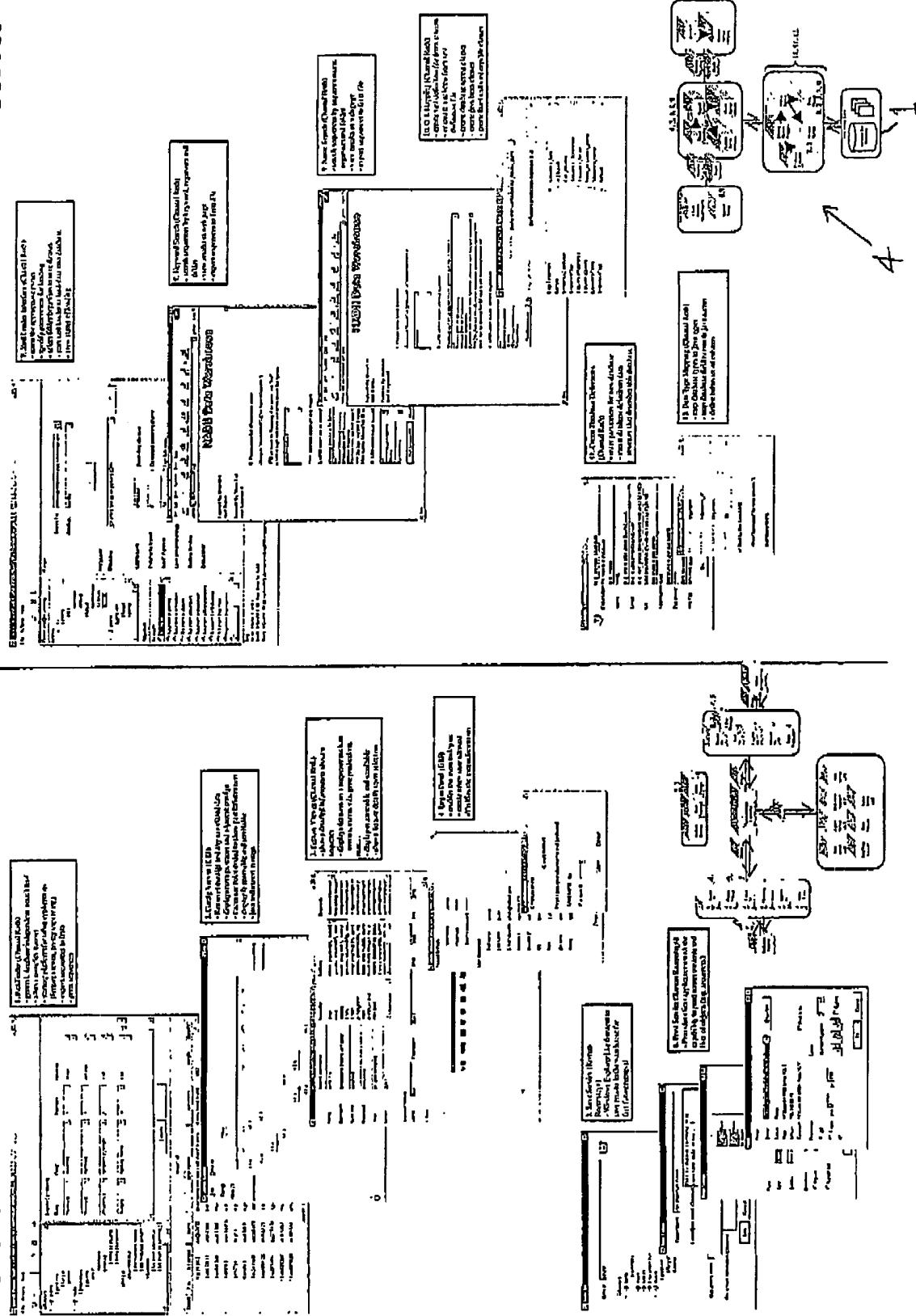
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Exhibit A

Client

Chantal Roth, Eli Roman Rozensteyn

Server

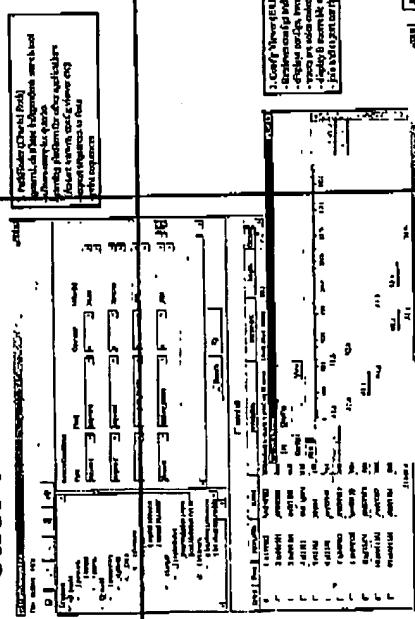


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# Distribution Tools

**Client**

Chantal Roth, EII, Roman Rozensteyn C1



B1

B2

2

C1

C2

B3

M1

**Server**



D1

D2

D3

D4

C1

B1

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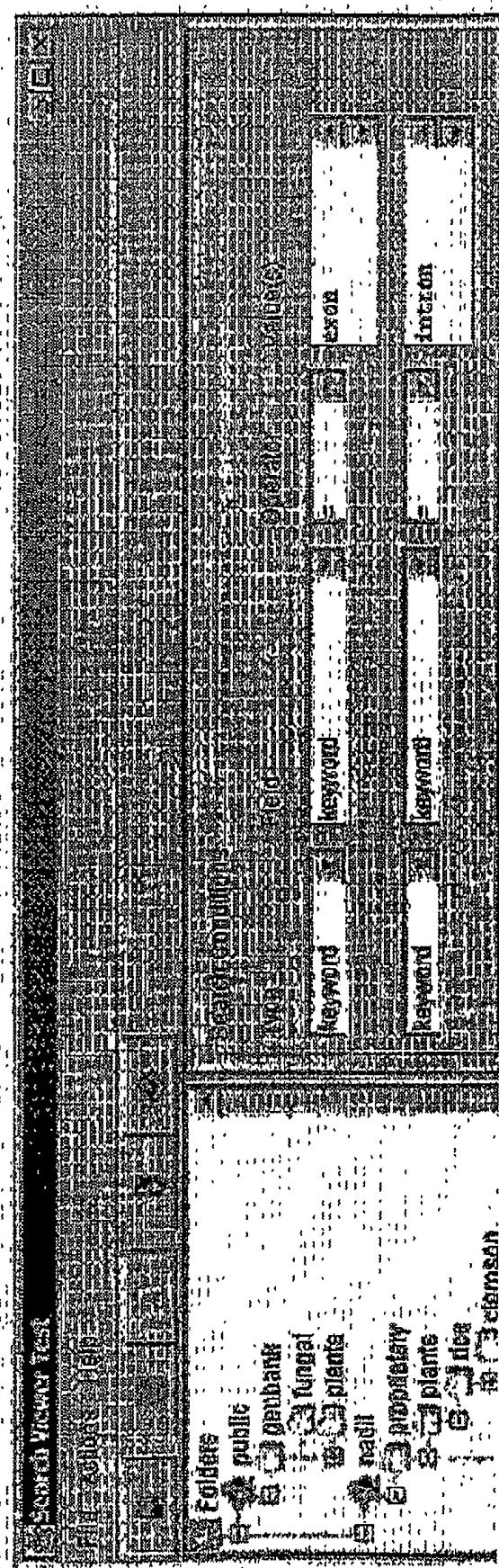
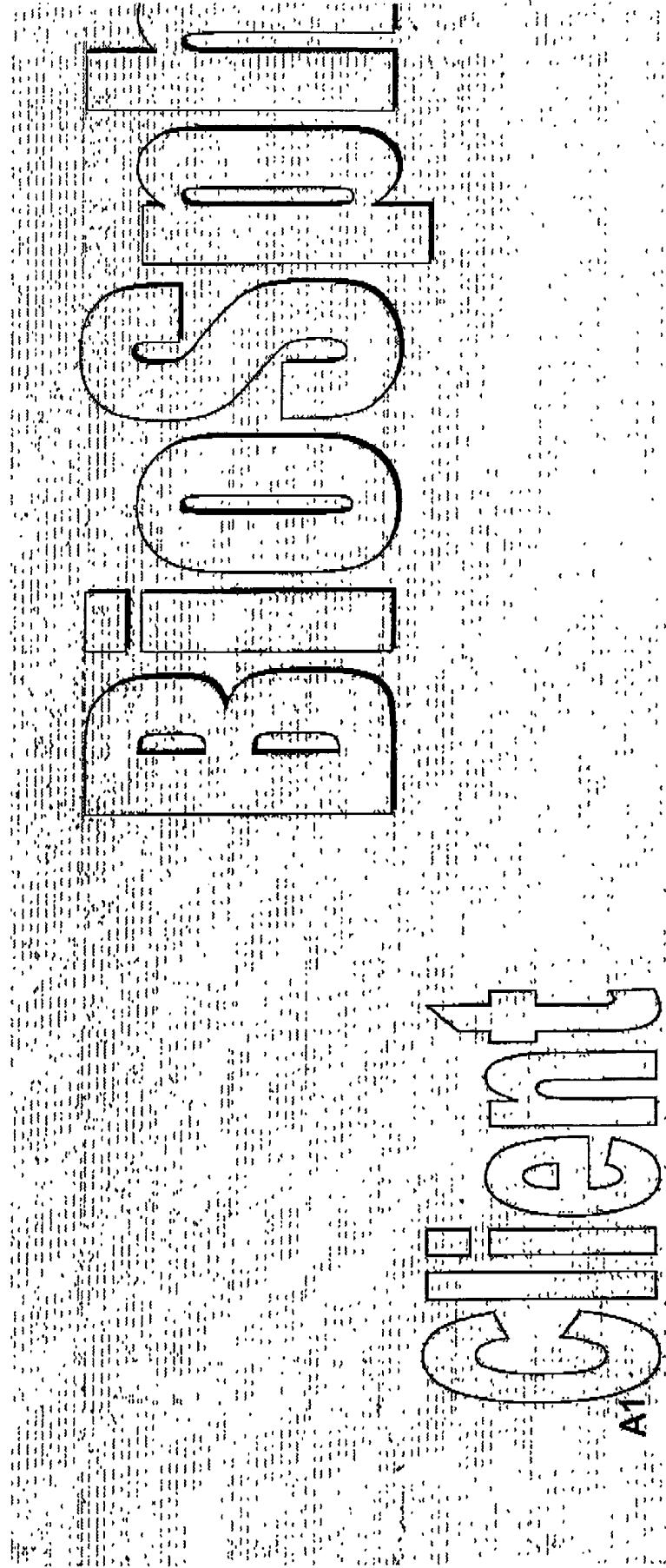
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## 5. Save Service (Roman Rozensteyn)

- Windows Explorer like frontent to save results in the warehouse for fast future retrieval

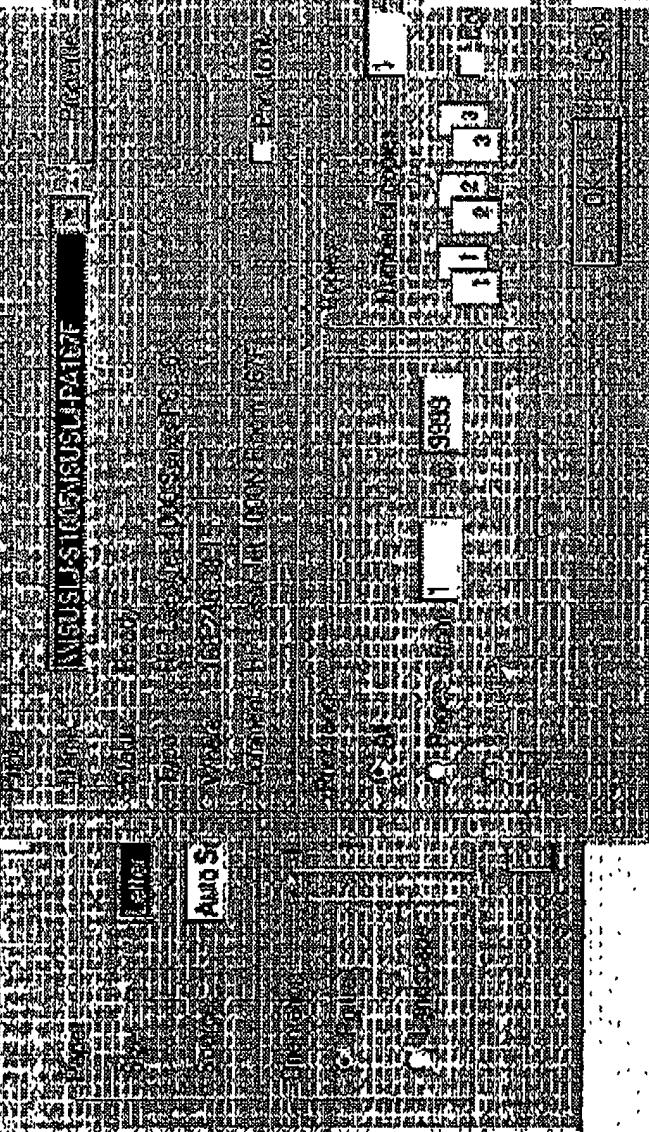
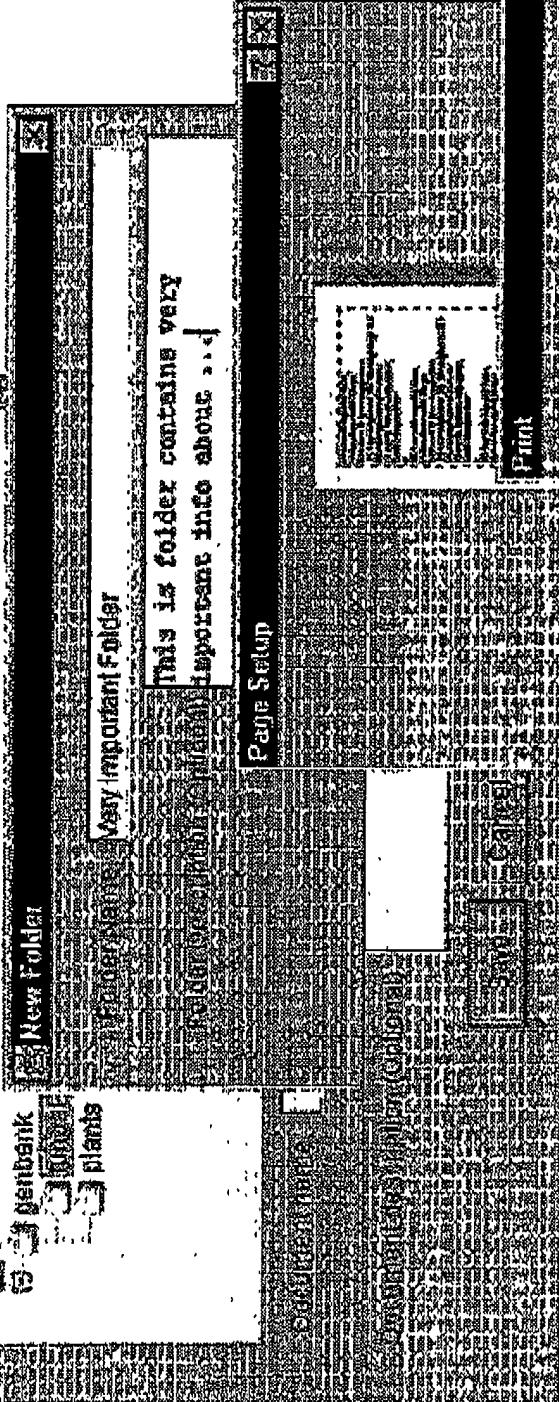
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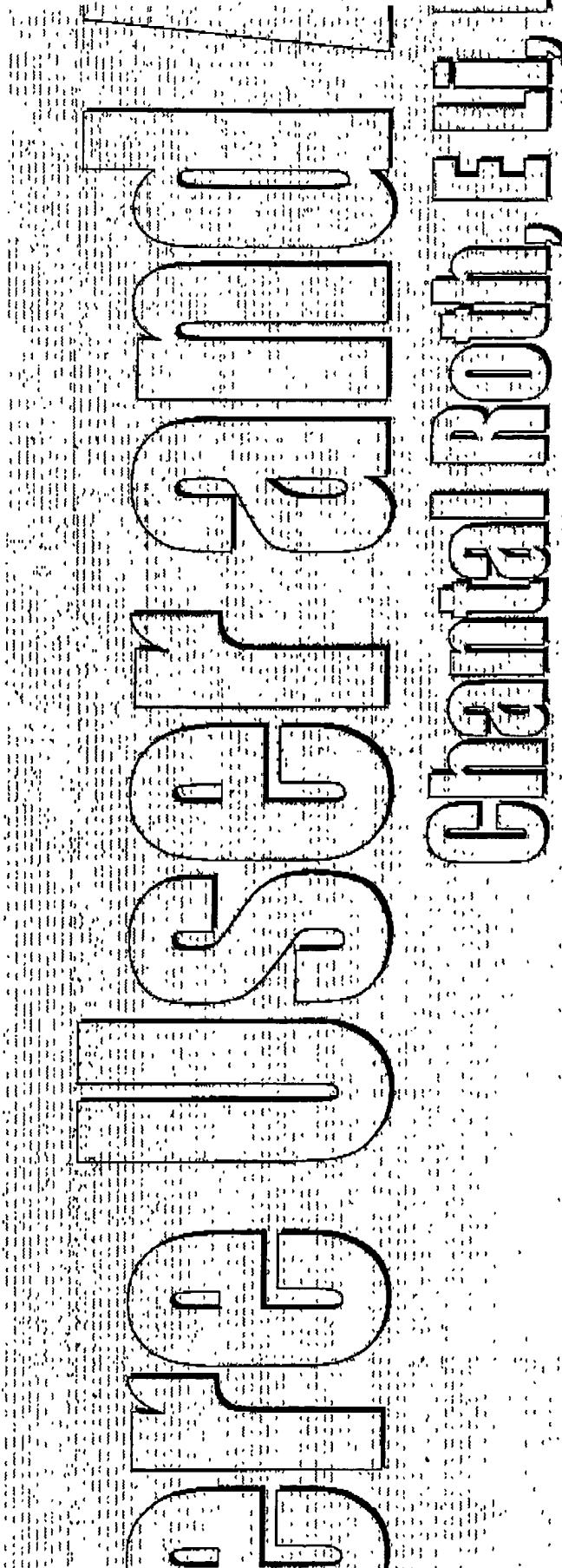
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6. Print Service

- Provides client capability to print lists of objects (e.g.



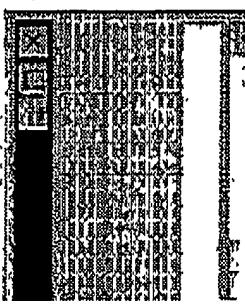
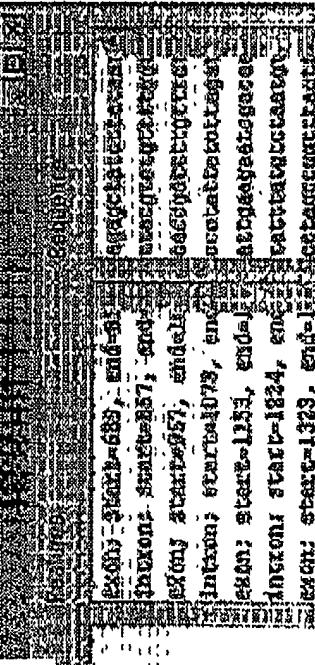


InFinder (Chantal Roth)  
InFinder is a general, database independent search tool  
for complex queries.  
It is a search platform for other applications  
such as viewer, contig viewer etc.)  
Import sequences to fasta  
Print sequences

B1

**2. Config Viewer (E Li)**

- Retrieves contigs and any associated data
- displays contigs, traces and adjacent contigs
- traces are color coded to show pair information
- display is zoomable and scrollable
- join and export contigs

**Contig 1****Contig 2****B2****3. Feature Viewer (Chantal Roth)**

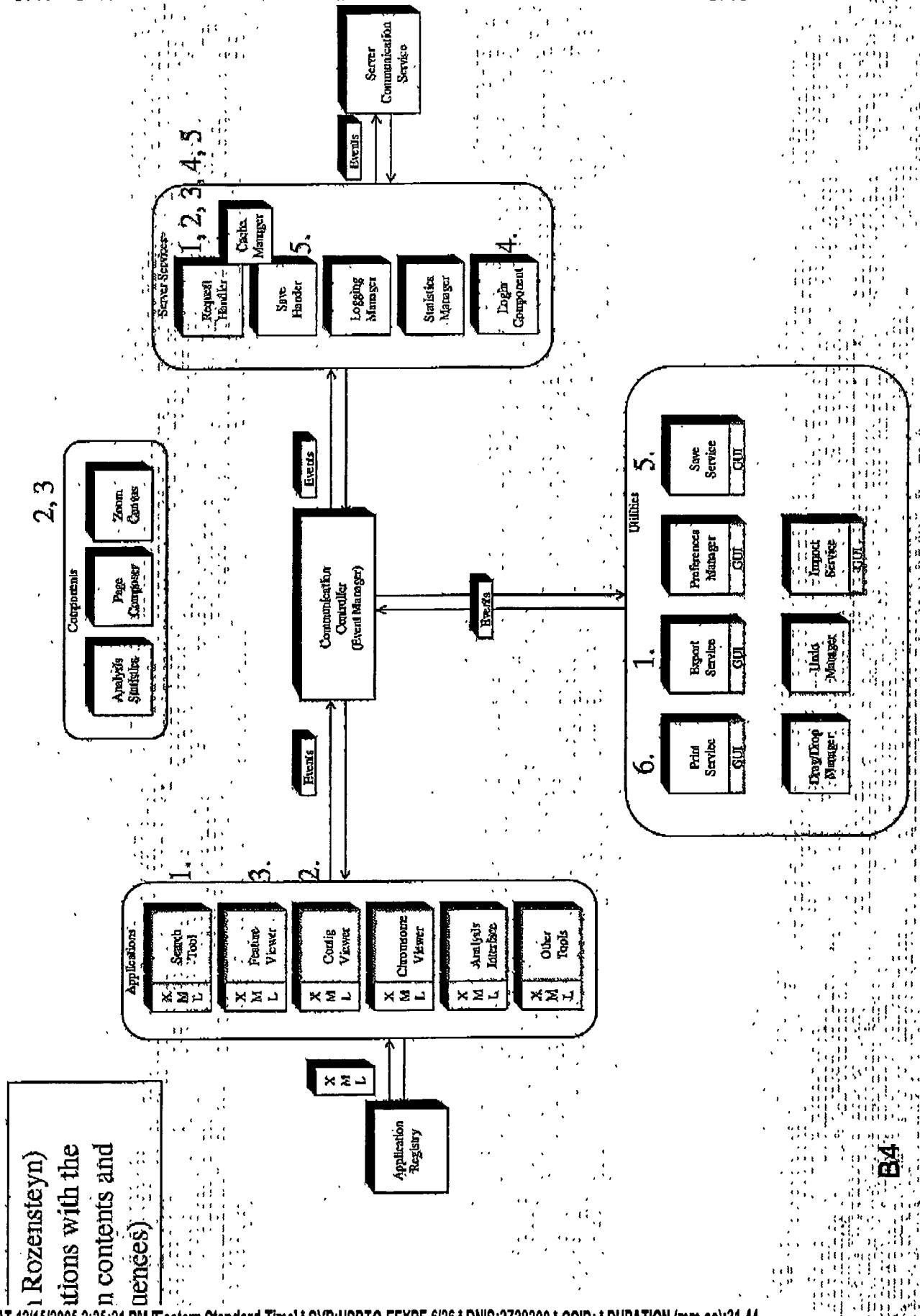
- shows detailed information about a sequence
- displays features on a sequence such as exons, CDS genes, predictions, RNA, etc.
- display is zoomable and scrollable
- shows feature details upon selection

4. Login Panel (E Li)

- enables the users to log in
- create a new user account
- Verifies the user information

The image displays two versions of a login interface. The left side shows a wireframe or schematic diagram of the login panel, while the right side shows a detailed screenshot of the actual software application. Both screens show fields for 'User Name' and 'Password', and a 'Login' button. The right screen also shows a 'Forgot Password?' link and a 'Remember Me' checkbox. The background of the right screen features a grid pattern.

B3



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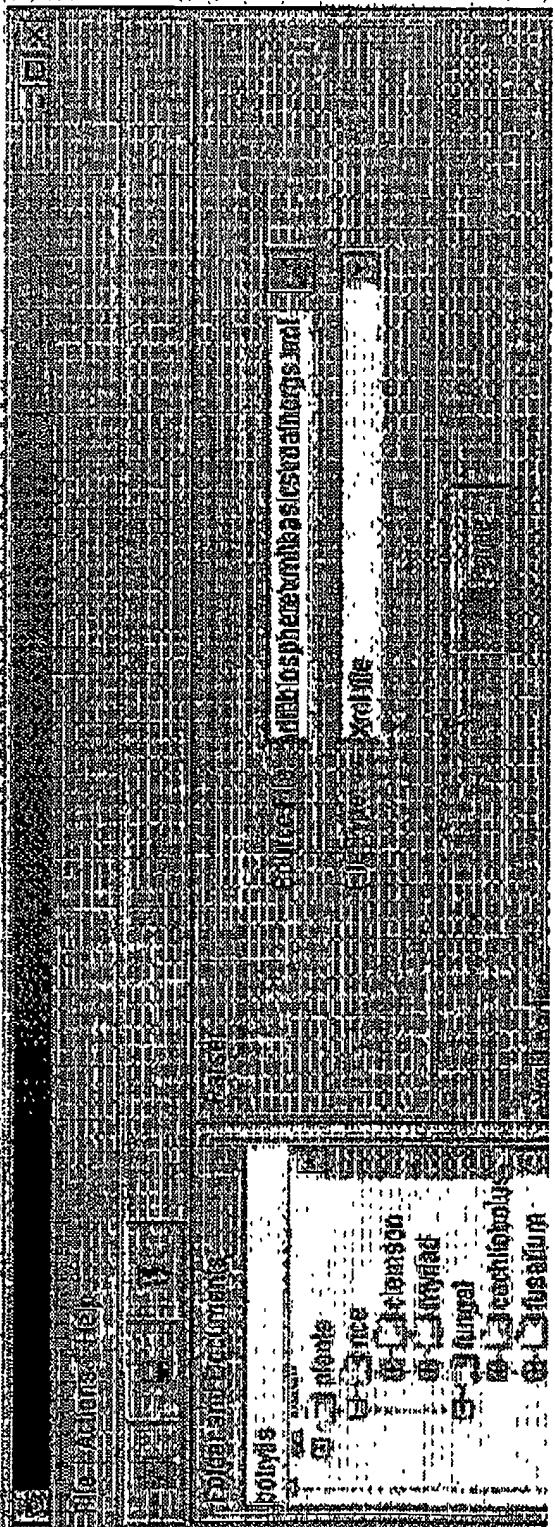
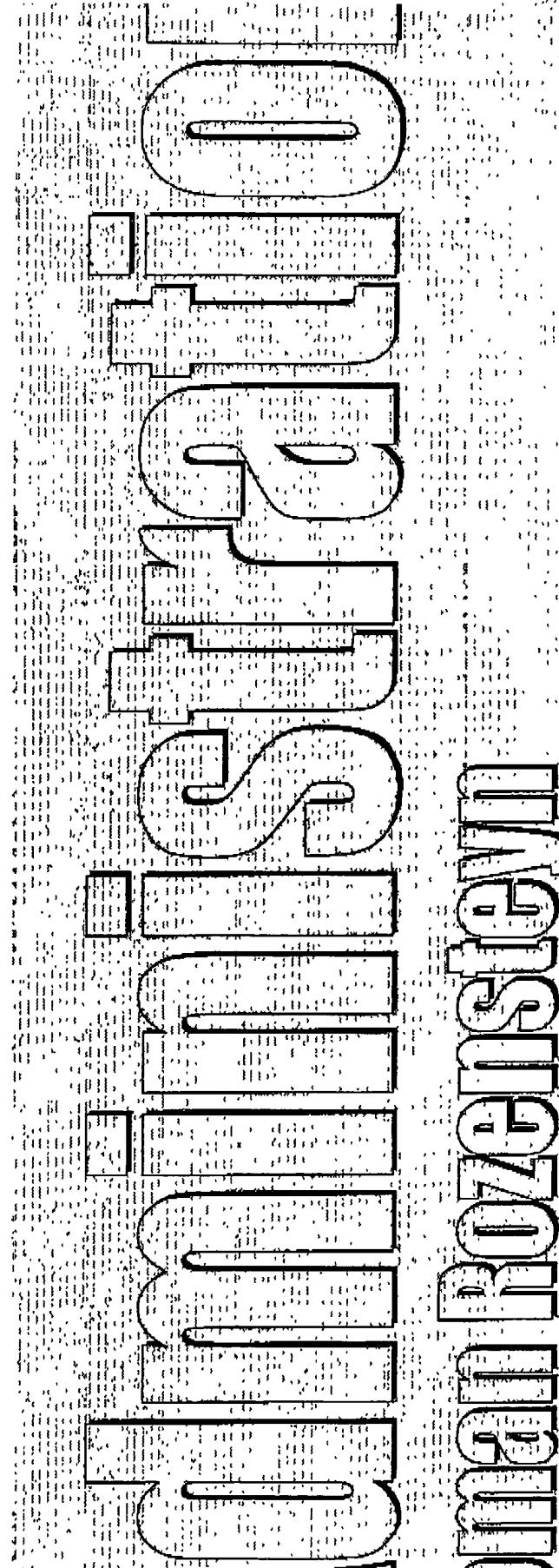
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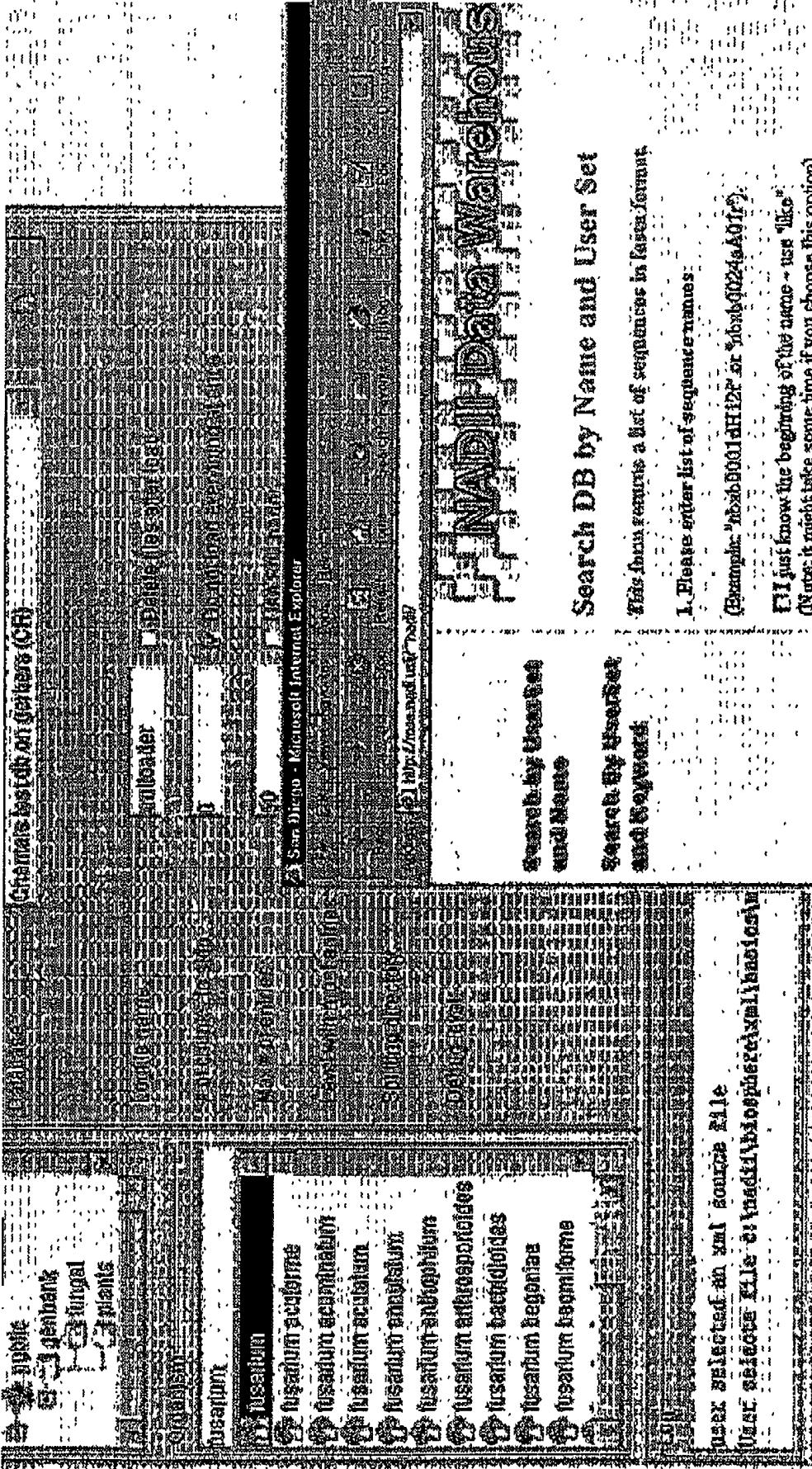
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## 7. XmlLo - Starts-the



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Note: sequence numbers are consecutive.

AND select and/or several Scan Design Microsoft Internet Explorer

Tributary species in the littoral

• **High-Access Medications**  
• **Baby aspirin**  
• **Biotin**  
• **Breast milk**  
• **Caffeine**  
• **Cannabis**  
• **Cold medicine**  
• **Cough medicine**  
• **Decongestants**  
• **Dietary supplement**  
• **Herbal tea**  
• **Holiday**  
• **Immunotherapy**  
• **Medication**  
• **Medication error**  
• **Milk thistle**  
• **Nutritional supplement**  
• **Over-the-counter medicine**  
• **Pain reliever**  
• **Prescription medicine**  
• **Risk factor**  
• **Sedative**  
• **Supplement**  
• **Therapeutic agent**

Clemson Univ. rice BAC funds: C-  
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Norn that the Merced, Calif., 28, 1960

11. Create Database Definitions  
(Chantal Roth)

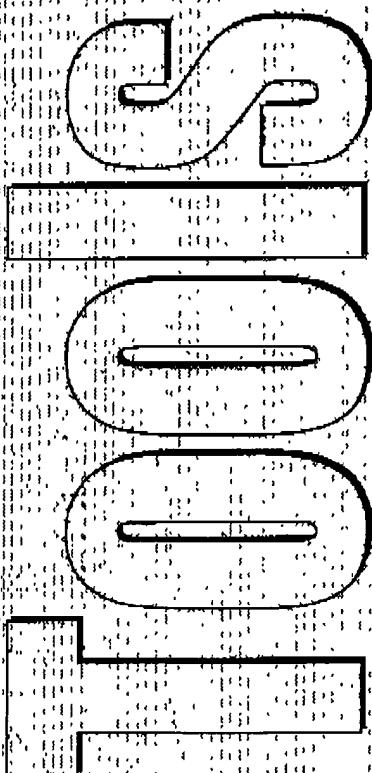
- enter parameters for new database
- create database definition data structure that describes this database

12. Data Type Mapping (Chanta)

- map database types to java type
- map database field names to java
- define behavior of column

Column Name	Type	Description
organism_id	int	organism ID
organism_name	string	organism name
organism_type	string	organism type
organism_status	string	organism status

64  
64



Interface (Charlal Roth)

opriate parser meters for loading

ss:3144  
organism to save dataset after to load data into database after loading

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**8. Keyword Search (Chantal Roth)**

- search sequences by keyword, organism and folder
- view results in web page
- export sequences to fasta file

**D2****9. Name Search (Chantal Roth)**

- search sequences by sequence name, organism and folder
- view results in web page
- export sequences to fasta file

**10. O/R Mapping (Chantal Roth)**

- create xml definition file from schema
- or create a schema from xml definition file
- create database access classes
- create java bean classes
- create html and xml capable classes

Sequence	Description
sequence_no	sequence_no
sequence_creation	sequence_creation
sequence_created	sequence_created
sequence_description	sequence_description
sequence_length	sequence_length
owner_sequence_name	owner_sequence_name
version	version

IV. Keyword and User Set

A list of sequences in date format.

of keywords

or "processes" or "components"

the list below. That the machine is down!

assembly:

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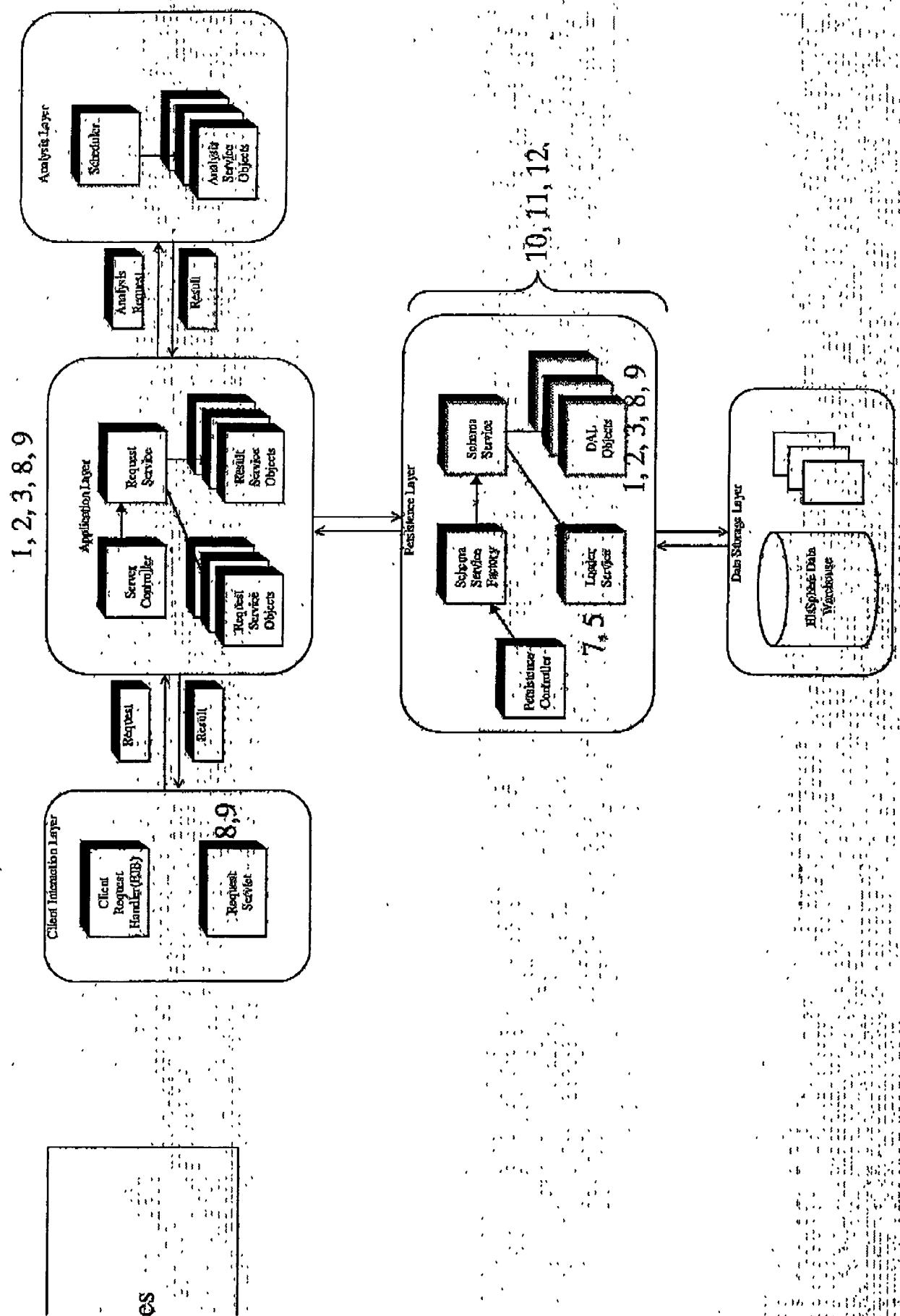
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